

Receiving Report

Date:

Batch No:

Supplier:

Dart P/O:

Packing Slip:

Yes

No

Release Note Attached:

Yes

No

N/A

Invoice:

Yes

No

Waybill Attached:

Yes

~~No~~

2

Receipt:

Cash

Cr

Shipment Complete:

Yes

No

N/A

QC6 Inspection

Work Order

N/A

N/A

Discrepancies

Discrepancies							
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments	

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date _____

Received/Costing

Initial

Location

Purchase Order Receipt Listing

Tuesday, December 18, 2012 2:37:18 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18600 Receipt Dates from 12/18/2012 to 12/18/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18600	1		M7075T6B1.500X1.5 f 00		12/17/2012 12/18/2012		12.0000	\$18.87	0.0000	0	\$226.44
CAD	No		7075 T6 BAR 1.500 f x 1.500 124030		12.0000 DESJ02			\$226.44	0.0000	0	
	2		M7075T6B1.500X8.5 f 00		12/17/2012 12/18/2012		12.0400	\$77.40	0.0000	0	\$931.93
	No		7075-T6 BAR 1.500" f X 8.500" 124030		12.0400 DESJ02			\$931.93	0.0000	0	
	3		M7075T6B1.750X04. f 500		12/17/2012 12/18/2012		12.0400	\$49.48	0.0000	0	\$595.79
	No		7075-T6 BAR 1.750" f X 4.500" 124030		12.0400 DESJ02			\$595.79	0.0000	0	
	4		M7075T6B3.000X7.5 f 00		12/17/2012 12/18/2012		12.7500	\$108.50	0.0000	0	\$1,383.34
	No		7075-T6 BAR 3.000" f X 7.500" 124030		12.0400 DESJ02			\$1,383.34	0.0000	0	
	5		M7075T6B4.000X4.5 f 00		12/17/2012 12/18/2012		8.0000	\$117.25	0.0000	0	\$937.96
	No		7075-T6 BAR 4.000" f X 4.500" 124030		8.0000 DESJ02			\$937.96	0.0000	0	
	6		M7075T6B6.000X1.0 f 00		12/17/2012 12/18/2012		8.0000	\$41.77	0.0000	0	\$334.12
	No		7075-T6 BAR 6.000" f X 1.000" 124030		8.0000 DESJ02			\$334.12	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO18600	7		M7075TG6.000X6.0 f 00		12/17/2012	12/18/2012	6.0000	\$198.60	0.0000	0	\$1,191.58
CAD	No		7075-T6 BAR 6.000" f X 6.000"		6.0000	DESJ02		\$1,191.58	0.0000	0	
			124030								
	8		M7075T6B7.000X2.0 f 00		12/17/2012	12/18/2012	36.1200	\$77.90	0.0000	0	\$2,813.89
	No		7075-T6 BAR 7.000" f X 2.000"		36.1200	DESJ02		\$2,813.89	0.0000	0	
			124030								
<div> <div>Total Received Quantity:</div> <div>106.9500</div> </div> <div> <div>Total Qty to Inspect (PO U/M):</div> <div>0.0000</div> </div> <div> <div>Total Reject Quantity:</div> <div>0.0000</div> </div> <div> <div>Total Receipt Value:</div> <div>\$8,415.06</div> </div> <div> <div>Total Balance Due Quantity:</div> <div>0.0000</div> </div>											

B I L L O F L A D I N G

No: PEC 799838

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Dec12 at 14:14 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frnt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-517690- 1 Your PO # 18600
Part # 4-6 DAYS ALL 7075 Rel #
ALUMINUM SQUARE BAR 7075-T651 QQ-A-225/9
1.50" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
MA012003015	545244	12 FT	1	33

2) Our Order PEC-517690- 2 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
1.50" THICK X 8.5000" X 144.5000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
642381	545607	8.53 SFT	1	196

3) Our Order PEC-517690- 3 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
1.750" THICK X 4.5000" X 144.5000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
270661	545606	4.52 SFT	1	120

4) Our Order PEC-517690- 4 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
3.00" THICK X 7.5000" X 153.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
324111	545585	7.97 SFT	1	348

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 799838
Ship Date 14Dec12 at 14:14 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

5) Our Order PEC-517690- 5 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
4.00" THICK X 4.5000" X 96.0000"
Heat Number Tag No
324091 545853

Quantity PCS Wt LBS
3.00 SFT 1 ✓ 182

6) Our Order PEC-517690- 6 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
1.00" THICK X 6.0000" X 96.0000"
Heat Number Tag No
212034 545608

Quantity PCS Wt LBS
✓ 4.00 SFT 1 63

7) Our Order PEC-517690- 7 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
6.00" THICK X 6.0000" X 72.0000"
Heat Number Tag No
633884 545851

Quantity PCS Wt LBS
3.00 SFT 1 ✓ 262

8) Our Order PEC-517690- 8 Your PO # 18600
Part # QQ-A-250/12 PLATE Rel #
ALUMINUM PLATE 7075-T651
2.00" THICK X 7.0000" X 144.5000"
Heat Number Tag No
276151 545609

Quantity PCS Wt LBS
21.07 SFT 3 ✓ 641

TOTAL: Tags 8 PCS 10 Wt LBS 1845

Heat Number
MA012003015

*** Chemical Analysis ***

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 799838
Ship Date 14Dec12 at 14:14 From PFW
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Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 TUBE, 4 SKIDS G.W. 1941 LBS

ITEM (1) TUBE
ITEMS (2,3,6,8) SKID
ITEM (4) SKID
ITEM (5) SKID
ITEM (7) SKID

***** CLOSED FOR THE HOLIDAYS *****
ON DEC. 25TH & 26TH, 31ST & JAN. 1ST.
WE ARE OPENED FOR BUSINESS ON DEC. 24, 27 & 28.
HAVE A HAPPY HOLIDAY SEASON!
*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 3 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

Certified Inspection Report

06/30/12
00:25:14

Alcoa Inc.
Massena Operations
Park Avenue East, Massena, NY 13662



1

Customer
Copper Brass Sales
Ship To
Copper Brass Sales
13338 Orden Dr. Building
Santa Fe Springs, CA 906

Customer P.O. No.
5400146469

Customer Part No.
(ALSC00010)

Alcoa Order No.
MMC-A3532-010

Govt. Contract No.

We hereby certify that the material covered in this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, or as previously agreed to with customer and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet. Manufactured under an ISO/TS 16949 registered quality management system. Melted and manufactured in the USA.

Zhou Wang, Quality Assurance Manager

Date Shipped **06/29/12** Weight Shipped **724 lbs**
Alloy - Temper **7075-T651** Size **1.50000 IN**

Product **CFRB-CF SQ.** Specific Length
Shape **SQ** Config **12 FT**

BOL **000160411**
QRR

Specifications:
AMS 4123H (Except Marking)
QA-A-225/9
AMS-QA-225/9E
ASTM B211-12
Material conforms to T6 requirements

Product produced and marked to the requirements of AMS-QA-225/9 also meets the requirements of QA-A-225/9.
Product produced and marked to the requirements of QA-A-225/9 also meets the requirements of AMS-QA-225/9.

TEST REQUIREMENTS

Test	Test	Test	Test	Test	Test	Test	Test	Test	Test
Max:	U.T.S.	T.Y.S.	%Elong						
Min:	77.0	66.0	07.0						

Test Results	No. of Tests	Test	Test	Test	Test	Test	Test	Test	Test
Lot / Work Order		U.T.S.	T.Y.S.	%Elong					
MA012003015	1	81.9	74.5	15.5					
	Min:	81.9	74.5	15.5					

TEST ABBREVIATIONS

U.T.S. Ultimate Tensile Strength KSI
Aluminum Association Chemical Composition Limits (in Weight %)

Alloy	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%AL
7075	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15
	MAX								Each	Total
	MIN		1.2		2.1	0.18	5.1			Rein

Actual Started Chemistry

LOT/WORK ORDER	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%OE	%OT	%AL
MA012003015	0.05	0.14	1.7	0.01	2.5	0.19	5.8	0.02	LT 0.05	LT 0.15	Rein
	MAX										
	MIN	0.05	0.14	1.7	0.01	2.5	0.19	5.8	0.02		

NOTES:

Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product.
This alloy meets the requirements of EU 2002/95/EC (RoHS) and EU 2000/53/EC for lead, mercury, cadmium and hexavalent chromium.

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402198350
Part: PO: PEC# 244320
Wgt: 33.000 LB Date 12/06/2012

John A. Smith

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

1447854 Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
2012-10-25 7456521 00000 1000422242-2 DP-22242-2
P.O. No./Govt Contract No. Customer Alcoa Item
5400156031 Ln#: 0020 C&B G041005056R07

Rob Woodall
Director of Manufacturing Davenport Works
Terrence Thom
Quality Assurance Manager

Page 1 of 2

Ship To: COPPER & BRASS SALES INC
1015 SAINT JEROME ST.
MISHAWAKA 46544 IN

Item Description
1.53 IN TK (+.094 -0.00) X 60.5 IN W (+.375 -0.000) X 144.5 IN LN (+.5 -0.0) (N) A/T 7075-7651 RECTANGULAR MILL FINISH, SAVED. EXC TK TL AMS-QQ-A-250/12 IS 2007 EXC MKR, TK TL AMS4045 REV K EXC MKR, TK TL ASTM209 REV 10 ((MARKED)) KRAFT PAPER INTERLEAVED MAX
GROSS SKID WGT: 5000 LB QUAN TOL +/-30 %
COR 0131000 REV 10 CUST REQ 12-10-24 *** W/E 12-10-27 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	461908	642381	4210	3	PC	47348	
2	461909	642381	4212	3	PC	47348	
			8422	6			

Notes for COR: 0131000.10
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12F ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0131000.10 -Specification Limits

Temp Dir	UTS	TYS	ELAD
T651 Long Transv.	KSI	KSI	PCT
Max	77.0	67.0	6
Min			

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402201945
Part: PO: PEC# 244320
Wgt: 196.000 LB Date 12/11/2012

James R. Smith

2

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Rob Woodall

Rob Woodall
Director of Manufacturing Davenport Works

Terence Thom
Terence Thom
Quality Assurance Manager

Page 2 of 2

1447854
Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
2012-10-25 7456521 00000 1000422242-2 DP-22242-2
P.O. No./Govt Contract No. Customer Alcoa Item
5400156031 In#: 0020 C&B G041005056R07

CQR: 0131000.10 -Specification Limits (cont.) -----

Chemical Composition SI FE CU MN MG CR ZN TI Each Total Aluminum Other

Alloy 7075 Max 0.40 0.50 2.0 0.30 2.9 0.28 6.1 0.20 0.05 0.15
Lot: 642381 Min 1.2 2.1 0.18 5.1
- Mechanical, Physical, Metallography, Quantometer Results REMAIN

Temp Dir No-> TMS TYS ELAD
T651 Long Transv. 4 Test KSI KSI PCT
84.4 84.4 75.9 11.7
84.6 84.6 75.2 11.2
84.6 84.6 75.9 11.2
84.6 84.6 75.7 10

Cast Number Chemical - OES SI FE CU MN MG CR ZN TI
H9043132 Actuals 0.06 0.27 1.6 0.01 2.5 0.19 5.8 0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

12/12/19
148

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402201945
Part: PO: PEC# 244320
Wgt: 196.000 LB Date 12/11/2012

John R. Smith

3



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS-TMX DIVISION
5450 E. HOME
FRESNO CA

93727

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR 961802 4075 INCLUSION SERIAL#: 20120626961802 PAGE 1 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM				Constellium ORDER NO.	
5400139755				050-868275	
ALLOY	CLAD.	TEMPER	GAUGE	WIDTH	LENGTH
7075	00	T651	1.78000	60.500	144.500
ITEM ORDERED					
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION					
AMS-QQ-A-250/12					
PART NUMBER		B/L NUMBER		DATE SHIPPED	
ALFLR00996		961800		06/28/12	
WEIGHT SHIPPED		NO. OF PIECES		GOVT. CONTRACT NO.	
9,900		6			

CERTIFICATION
"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."
Constellium Rolled Products Ravenswood, LLC
Rt 2 South, Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA
Rodney J. Felty
Rodney J. Felty - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
270651	LT	2	79.6	81.2	69.4	70.8	12.5	13.5											
All material contained in lot 270651 was cast and manufactured in the USA.																			
270661	LT	2	80.8	81.6	70.6	72.1	13.5	13.5											
All material contained in lot 270661 was cast and manufactured in the USA.																			
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																			
AMS 4045K AND ASTM B209-10																			
<div>ThyssenKrupp Materials N.A Inc. Copper and Brass Sales Division sold to: Customer: P.O#: 24244320 CBS Delivery #: 2402201903 QTY: 1 pc By: <i>Sn</i> Date: 12/11/12</div>																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.		
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS-TMX DIVISION
5450 E. HOME
FRESNO CA

93727

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR 961802 4075 INCLUSION SERIAL#: 20120626961802 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM				Constellium ORDER NO.	
5400139755				050-868275	
ALLOY	CLAD.	TEMPER	GAUGE	WIDTH	LENGTH
7075	00	T651	1.78000	60.500	144.500
ITEM ORDERED					
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION					
AMS-QQ-A-250/12					
PART NUMBER		B/L NUMBER		DATE SHIPPED	
ALFLR00996		961800		06/28/12	
WEIGHT SHIPPED		NO. OF PIECES		GOVT. CONTRACT NO.	
9,900		6			

CERTIFICATION

"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."

Constellium Rolled Products Ravenswood, LLC
Rt 2 South, Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA

Rodney J. Felty
Rodney J. Felty - Laboratory Manager

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
			ACTUAL CHEMICAL COMPOSITION																
270651	C		SI= 0.04	FE= 0.12	CU= 1.37	MN= 0.03	MG= 2.47												
			CR= 0.20	ZN= 5.42	TI= 0.02	ZR= 0.01													
			OTHERS-EACH: .05 MAX.		OTHERS TOTAL: .15		MAX. AL REMAINDER												
270661	C		SI= 0.04	FE= 0.12	CU= 1.37	MN= 0.03	MG= 2.47												
			CR= 0.20	ZN= 5.42	TI= 0.02	ZR= 0.01													
			OTHERS-EACH: .05 MAX.		OTHERS TOTAL: .15		MAX. AL REMAINDER												
													14 2-89		12/12/19				
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
		SEE ACTUAL CHEMICAL COMPOSITION																	
																		ALUMINUM REMAINDER	



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS-TMX DIVISION
5450 E. HOME
FRESNO CA

93727

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR 961802 4075 INCLUSION SERIAL#: 20120626961802 PAGE 3 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM						Constellium ORDER NO.					
5400139755						050-868275					
ALLOY	CLAD.	TEMPER	GAUGE	WIDTH	LENGTH	CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 58 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager					
7075	00	T651	1.78000	60.500	144.500						
ITEM ORDERED											
MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL											
CUSTOMER SPECIFICATION											
AMS-QQ-A-250/12											
PART NUMBER				B/L NUMBER				DATE SHIPPED			
ALFLR00996				961800				06/28/12			
WEIGHT SHIPPED		NO. OF PIECES		GOVT. CONTRACT NO.							
9,900		6									

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS												
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX											
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																					
CHEMISTRY BY OES: ARKSPARK																					
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																					
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																					
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																					
Mark Paperwork: ALFLR00996																					
DUNS Number: 090570149; CAGE Code: 1YWL9																					
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																					
"END OF CERTIFICATION"																					
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS			
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.		
	SEE ACTUAL CHEMICAL COMPOSITION																				
	ALUMINUM REMAINDER																				

4



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

46544

48086

COPPER&BR F60502 4075 INCLUSION SERIAL#: 20121119F60502 PAGE 1 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512727	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 3.00000	WIDTH 73.000	LENGTH 153.000
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL					
CUSTOMER SPECIFICATION AMS-QQ-A-250/12					
PART NUMBER ALFLR01006		B/L NUMBER F60500		DATE SHIPPED 11/20/12	
WEIGHT SHIPPED 10,635		NO. OF PIECES 3		GOVT. CONTRACT NO.	
CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager					

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS									
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX								
324111	LT	2	***** T651 80.1	80.8	69.2	69.8	***** 13.5	13.5										
All material contained in lot 324111 was cast and manufactured in the USA.																		

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																		

ASTM B209-10,AMS 4045K																		
DAS 14 2-83 12/12/17																		
<div>ThyssenKrupp Materials N.A Inc. Copper and Brass Sales Division sold to: Customer: P.O#: DEC 4 244320 CBS Delivery #: 2402202000 QTY: 1 PC By: SA Date: 12/11/12</div>																		
CHEM COMP	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																	
ALUMINIUM REMAINDER																		



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR F60502 4075 INCLUSION SERIAL#: 20121119F60502 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512727		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager			
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 3.00000	WIDTH 73.000	LENGTH 153.000				
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL									
CUSTOMER SPECIFICATION AMS-QQ-A-250/12									
PART NUMBER ALFLR01006		B/L NUMBER F60500		DATE SHIPPED 11/20/12					
WEIGHT SHIPPED 10,635		NO. OF PIECES 3		GOVT. CONTRACT NO.					

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
324111	C		ACTUAL CHEMICAL COMPOSITION																
			SI= 0.06	FE= 0.11	CU= 1.42	MN= 0.03	MG= 2.50												
			CR= 0.20	ZN= 5.49	TI= 0.03	ZR= 0.01													
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																
DAS 14 2-89 12/12/19																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
		SEE ACTUAL CHEMICAL COMPOSITION																	
		ALUMINUM REMAINDER																	

P-860-155D (06/11)



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

46544

48086

COPPER&BR F60502 4075 INCLUSION SERIAL#: 20121119F60502 PAGE 3 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512727		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager			
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 3.00000	WIDTH 73.000	LENGTH 153.000				
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL									
CUSTOMER SPECIFICATION AMS-QQ-A-250/12									
PART NUMBER ALFLR01006		B/L NUMBER F60500		DATE SHIPPED 11/20/12					
WEIGHT SHIPPED 10,635		NO. OF PIECES 3		GOVT. CONTRACT NO.					

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																			
Mark Paperwork: ALFLR01006																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN 46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI 48086

COPPER&BR F60501 4075 INCLUSION SERIAL#: 20121119F60501 PAGE 1 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512723		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA Rodney J. Felty - Laboratory Manager	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.00000	WIDTH 73.000	LENGTH 134.750		
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL							
CUSTOMER SPECIFICATION AMS-QQ-A-250/12							
PART NUMBER ALFLR00369		B/L NUMBER F60500		DATE SHIPPED 11/20/12			
WEIGHT SHIPPED 8,370		NO. OF PIECES 2		GOVT. CONTRACT NO.			

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS	
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX
324091	LT	2	***** T651 71.0	71.4	57.4	58.1	***** 12.5	13.0		
All material contained in lot 324091 was cast and manufactured in the USA.										

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS										

ASTM B209-10,AMS 4045K										
<div>000 14 2-99, 12/12/18</div>										

CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (08/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202007

Part: PO: PEC# 244320

Wgt: 182.000 LB Date 12/12/2012



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR F60501 4075 INCLUSION SERIAL#: 20121119F60501 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512723		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.00000	WIDTH 73.000	LENGTH 134.750	
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL						
CUSTOMER SPECIFICATION AMS-QQ-A-250/12						
PART NUMBER ALFLR00369		B/L NUMBER F60500		DATE SHIPPED 11/20/12		
WEIGHT SHIPPED 8,370		NO. OF PIECES 2		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
324091	C		ACTUAL CHEMICAL COMPOSITION																
			SI= 0.05	FE= 0.13	CU= 1.47	MN= 0.05	MG= 2.59												
			CR= 0.20	ZN= 5.63	TI= 0.02	ZR= 0.00													
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																
DAS 14 12/12/18																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
		SEE ACTUAL CHEMICAL COMPOSITION																	
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202007

Part: PO: PEC# 244320

Wgt: 182.000 LB Date 12/12/2012

John R. Zambetti



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

46544

48086

COPPER&BR F60501 4075 INCLUSION SERIAL#: 20121119F60501 PAGE 3 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400157805				Constellium ORDER NO. 110-512723		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 4.00000	WIDTH 73.000	LENGTH 134.750	
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL						
CUSTOMER SPECIFICATION AMS-QQ-A-250/12						
PART NUMBER ALFLR00369		B/L NUMBER F60500		DATE SHIPPED 11/20/12		
WEIGHT SHIPPED 8,370		NO. OF PIECES 2		GOVT. CONTRACT NO.		

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557.																			
Mark Paperwork: ALFLR00369																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
											DAS 14 2-89 12/12/18								
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.		
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202007

Part: PO: PEC# 244320

Wgt: 182.000 LB Date 12/12/2012

John L. Zimbetti

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Rob Woodall

Rob Woodall
Director of Manufacturing Davenport Works

Terrence Thom
Quality Assurance Manager

Page 1 of 2

1427376
Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
2012-09-06 7329333 00000 1000408477-4 DP-08477-4
P.O. No./Govt Contract No. Customer Alcoa Item
5400151575 Ln#: 0040 C&B G041094912R10

Ship To: COPPER & BRASS SALES INC
1015 SAINT JEROME ST.
MISHAWAKA 46544 IN

Item Description
1.03 IN TK (+.094 -0.00) X 60.5 IN W (+.375 -
0.000) X 144.5 IN LN (+.5 -0.0) CAF X 090893-9 (N) A/T 7075-
T651 RECTANGULAR MILL FINISH, SAWED ALFIR00994. AMS-QQ-A-
250/12 IS 2007 EXC MRK AMS4045 REV K
EXC MRK ASTM B209 REV 10 ((MARKED))
KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 4500 LB QUAN TOL +/-
30 & COR 0210606 REV 10 CUST REQ 12-09-
05 *** W/E 12-09-08 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	439793	212034	1910	2	PC	47350	
2	439793	212035	955	1	PC	47350	
3	439793	588502	955	1	PC	47350	
4	439801	212035	952	1	PC	47350	
5	439801	588502	951	1	PC	47350	
			5723	6			

Notes for COR: 0210606.10
PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PROD UCT
PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12 F ALSO MEETS THE REQUIREMENTS OF AMS-QQ-A-250/12.

COR: 0210606.10 -Specification Limits

Temp Dir	UTS	TYS	ELAD
T651 Long Transv.	KSI	KSI	PCT
Max	77.0	67.0	6
Min			

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202011
Part: PO: PEC# 244320
Wgt: 63.000 LB Date 12/11/2012

John R. Smith

6

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Rob Woodall

Director of Manufacturing Davenport Works

Terrence Thom
Quality Assurance Manager

1427376
Ship Date 0 B.L. No. Invoice No. Alcoa No. Item Ship From: RIVERDALE, IA.
2012-09-06 7329333 00000 1000408477-4 DP-08477-4
P.O. No./Govt Contract No. Customer Alcoa Item
5400151575 Inv#: 0040 C&B G041094912R10

Page 2 of 2

CQR: 0210606.10 -Specification Limits (cont.)

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other
Alloy 7075	Max	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05
Lot: 212034	Min	1.2	2.1	0.18	5.1					
- Mechanical, Physical, Metallography, Quantometer Results										
No-> UTS TYS EL4D										
Temp Dir	Test	UTS	KSI	KSI	PCT	PCT				
T651	Long Transv.	2	85.3	76.6	11.4	11.5				

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9017044	Actuals	0.05	0.28	1.7	0.02	2.5	0.19	5.7	0.02	
Lot: 212035	- Mechanical, Physical, Metallography, Quantometer Results									
No-> UTS TYS EL4D										
Temp Dir	Test	UTS	KSI	KSI	PCT	PCT				
T651	Long Transv.	2	85.6	76.6	11.4	11.5				

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9017044	Actuals	0.05	0.28	1.7	0.02	2.5	0.19	5.7	0.02	
Lot: 588502	- Mechanical, Physical, Metallography, Quantometer Results									
No-> UTS TYS EL4D										
Temp Dir	Test	UTS	KSI	KSI	PCT	PCT				
T651	Long Transv.	2	85.6	76.6	11.4	11.5				

Cast Number	Chemical	OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9017044	Actuals	0.05	0.28	1.7	0.02	2.5	0.19	5.7	0.02	
Lot: 588502	- Mechanical, Physical, Metallography, Quantometer Results									
No-> UTS TYS EL4D										
Temp Dir	Test	UTS	KSI	KSI	PCT	PCT				
T651	Long Transv.	2	85.6	76.6	11.4	11.5				

This material was melted in the United States or a Qualifying Country [REF DEARS 225.872.1(a)]; it was manufactured in the United States

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202011
Part: PO: PEC# 244320
Wgt: 63.000 LB Date 12/11/2012

12/12/13
JAS
14
88

John A. Smith

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Rob Woodall

Rob Woodall
Director of Manufacturing Davenport Works

Terrence Thom
Quality Assurance Manager

Page 1 of 2

1447780 Ship Date 0 B.I. No. Invoice No. Alcoa No. Item
2012-10-25 7456306 00000 1000420518-7 DP-20518-7
P.O. No./Govt Contract No. Customer Alcoa Item
5400155433 In#: 0070 C&B G041014515R08

Ship To: COPPER & BRASS SALES INC
1015 SAINT JEROME ST.
MISHAWAKA 46544 IN

Item Description
6.03 IN TK (+.260 -0.00) X 60.5 IN W (+.500 -
0.000) X 144.5 IN IN (+.5 -0.0) (N) A/T 7075-
T651 RECTANGULAR MILL FINISH, SAWED, EXC MRK, PROP, TK AMS-QQ-A-
250/12 IS 2007 EXC MRK, PROP, TK AMS4045 REV K EXC MRK, PROP,
TK ASTM209 REV 10 (MARKED) KRAFT PAPER
INTERLEAVED MAX
GROSS SKID WGT: 6000 LB QUAN TOL +/-40 %
CQR 0164707 REV 07 CUST REQ 12-10-
17 *** W/E 12-10-20 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	461717	633884	5516	1	PC	47338	

CQR: 0164707.7 -Specification Limits

Temp Dir	Long Transv.	Max	Min	UTS	TYS	ELAD	PCT	Other
Chemical Composition		SI	FE	CU	MN	MG	CR	ZN
Alloy 7075		Max	0.40	0.50	2.0	0.30	2.9	0.28
Lot: 633884	- Mechanical, Physical, Metallurgy, Quantometer Results	Min	1.2	2.1	0.18	5.1		
Temp Dir	Long Transv.	Test	2	70.8	58.8	8.4		

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202015
Part: PO: PEC# 244320
Wgt: 262.000 LB Date 12/12/2012

John A. Smith

DAS 14 88

12/12/18

7

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

1447780
Ship Date 0 B.L. No. Invoice No. Alcoa No. Item
2012-10-25 7456306 00000 1000420518-7 DP-20518-7
P.O. No./Govt Contract No. Customer Alcoa Item
5400155433 In#: 0070 C&B G041014515R08

Rob Woodall

Rob Woodall

Terrence Thom

Terrence Thom

Director of Manufacturing Davenport Works

Page 2 of 2

Lot: 633884 - Mechanical, Physical, Metallurgy, Quantometer Results (cont.)
Cast Number Chemical - OES SI FE CU MN MG CR ZN TI
H9047031 Actuals 0.07 0.29 1.6 0.02 2.5 0.19 5.6 0.02

This material was melted in the United States or a Qualifying Country [RHF DEARS 225.872.1(a)]; it was manufactured in the United States

12/12/18
14

From: ThyssenKrupp Materials NA
Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202015
Part: PO: PEC# 244320
Wgt: 262.000 LB Date 12/12/2012

John R. Smith



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

87

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR B33204 4075 INCLUSION SERIAL#: 20120730B33204 PAGE 1 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400141009				Constellium ORDER NO. 110-512567		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager			
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 2.03000	WIDTH 60.500	LENGTH 144.500				
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL									
CUSTOMER SPECIFICATION AMS-QQ-A-250/12									
PART NUMBER ALFLR00999		B/L NUMBER B33200		DATE SHIPPED 07/31/12					
WEIGHT SHIPPED 7,520		NO. OF PIECES 4		GOVT. CONTRACT NO.					

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
276151	LT	2	***** T651 80.4	80.9	70.2	70.7	***** 13.5	13.5											
All material contained in lot 276151 was cast and manufactured in the USA.																			

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS																			

ASTM B209-10,AMS 4045K																			
<div>DAS 14 2-89</div> <div>12/12/19</div>																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202018

Part: PO: PEC# 244320

Wgt: 641.000 LB Date 12/11/2012

John L. Zambetti



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR B33204 4075 INCLUSION SERIAL#: 20120730B33204 PAGE 2 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400141009				Constellium ORDER NO. 110-512567		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 2.03000	WIDTH 60.500	LENGTH 144.500		
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL							
CUSTOMER SPECIFICATION AMS-QQ-A-250/12							
PART NUMBER ALFLR00999		B/L NUMBER B33200		DATE SHIPPED 07/31/12			
WEIGHT SHIPPED 7,520		NO. OF PIECES 4		GOVT. CONTRACT NO.			

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
276151	C		ACTUAL CHEMICAL COMPOSITION																
			SI= 0.06	FE= 0.13	CU= 1.45	MN= 0.08	MG= 2.50												
			CR= 0.20	ZN= 5.60	TI= 0.02	ZR= 0.01													
			OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																
<div>8469</div> <div>12/12/19</div>																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTAL MAX.
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202018

Part: PO: PEC# 244320

Wgt: 641.000 LB Date 12/11/2012

John L. Zambetti



CERTIFIED TEST REPORT

Constellium Rolled Products Ravenswood, LLC

COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN

46544

COPPER & BRASS SALES
P.O. BOX 5116
SOUTHFIELD MI

48086

COPPER&BR B33204 4075 INCLUSION SERIAL#: 20120730B33204 PAGE 3 OF 3

CUSTOMER PURCHASE ORDER NO. & ITEM 5400141009				Constellium ORDER NO. 110-512567		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC Rt 2 South, Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA <i>Rodney J. Felty</i> Rodney J. Felty - Laboratory Manager	
ALLOY 7075	CLAD. 00	TEMPER T651	GAUGE 2.03000	WIDTH 60.500	LENGTH 144.500		
ITEM ORDERED MOLD PLATE-DIST GE SPEC PLATE, SAWED MILL							
CUSTOMER SPECIFICATION AMS-QQ-A-250/12							
PART NUMBER ALFLR00999		B/L NUMBER B33200		DATE SHIPPED 07/31/12			
WEIGHT SHIPPED 7,520		NO. OF PIECES 4		GOVT. CONTRACT NO.			

LOT NUMBER	TEST DIRECTION	NO. OF TESTS	ULTIMATE STRENGTH K.S.I.		YIELD STRENGTH K.S.I.		ELONGATION %		COND % IACS										
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN	MAX									
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.																			
CHEMISTRY BY OES: ARKSPARK																			
CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT.																			
WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399.																			
WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557																			
Mark Paperwork: ALFLR00999																			
DUNS Number: 090570149; CAGE Code: 1YWL9																			
Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.																			
"END OF CERTIFICATION"																			
CHEM COMP	ALLOY	SILICON		IRON		COPPER		MANGANESE		MAGNESIUM		CHROMIUM		ZINC		TITANIUM		OTHERS	
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	EACH MAX.	TOTA MAX.		
	SEE ACTUAL CHEMICAL COMPOSITION																		
ALUMINUM REMAINDER																			

P-860-155D (06/11)

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del: 2402202018

Part: PO: PEC# 244320

Wgt: 641.000 LB Date 12/11/2012

John L. Zambetti



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18600**

Purchase Order Date 12/06/12

PO Print Date 12/06/12

Page Number 1 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

m124830

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M7075T6B1.500X1.500 008	7075 T6 BAR 1.500 x 1.500	12/17/12 Yes	12.00 f	Yours ppd	\$18.7500	\$225.00
Special Inst:			MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE				
2	M7075T6B1.500X8.500	7075-T6 BAR 1.500 x 8.500"	12/17/12 Yes	✓12.04 f	Yours ppd	\$76.9103	\$926.00
Special Inst:			MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE				

Rec'd 12/17/12

PO Instructions: PLEASE NOTE RECEIVING DEPARTMENT WILL BE CLOSE 13 AND 14 OF DECEMBER

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required - YES NO

Change Nbr:

1

Change Date: 12/06/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18600**

Purchase Order Date 12/06/12

PO Print Date 12/06/12

Page Number 2 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M7075T6B1.750X04.500	7075-T6 BAR 1.750" X 4.500"	12/17/12	✓ 12.04	Yours ppd	\$49.1694	\$592.00
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Yes

f

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

4	M7075T6B3.000X7.500	7075-T6 BAR 3.000" X 7.500"	12/17/12	✓ 12.04	Yours ppd	\$107.8073	\$1,298.00
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Yes

f 12.76

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

5	M7075T6B4.000X4.500	7075-T6 BAR 4.000" X 4.500"	12/17/12	X 8.00	Yours ppd	\$116.5000	\$932.00
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Yes

f

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

PO Instructions:

PLEASE NOTE RECEIVING DEPARTMENT WILL BE CLOSE 13 AND 14 OF
DECEMBER

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 1

Change Date: 12/06/12



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO18600**

Purchase Order Date 12/06/12

PO Print Date 12/06/12

Page Number 3 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

6	M7075T6B6.000X1.000	7075-T6 BAR 6.000" X 1.000"	12/17/12	✓ 8.00	Yours ppd	\$41.5000	\$332.00
			Yes		f		

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

7	M7075T6B6.000X6.000	7075-T6 BAR 6.000' X 6.000"	12/17/12	✓ 6.00	Yours ppd	\$197.3333	\$1,184.00
			Yes		f		

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

8	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000"	12/17/12	✓ 36.12	Yours ppd	\$77.4086	\$2,796.00
			Yes		f		

Special Inst:

MATERIAL: 7075-T6 OR
T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS
4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12
CUT FROM PLATE

PO Total:

\$8,285.00

PO Instructions:

PLEASE NOTE RECEIVING DEPARTMENT WILL BE CLOSE 13 AND 14 OF DECEMBER

Change Nbr: 1

Change Date: 12/06/12

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required **YES** NO